

NO. 173

Rs. 5

TINKLE



THE FORTNIGHTLY
FOR CHILDREN
FROM THE HOUSE OF
AMAR GHITRA KATHA

THE FIREBIRD



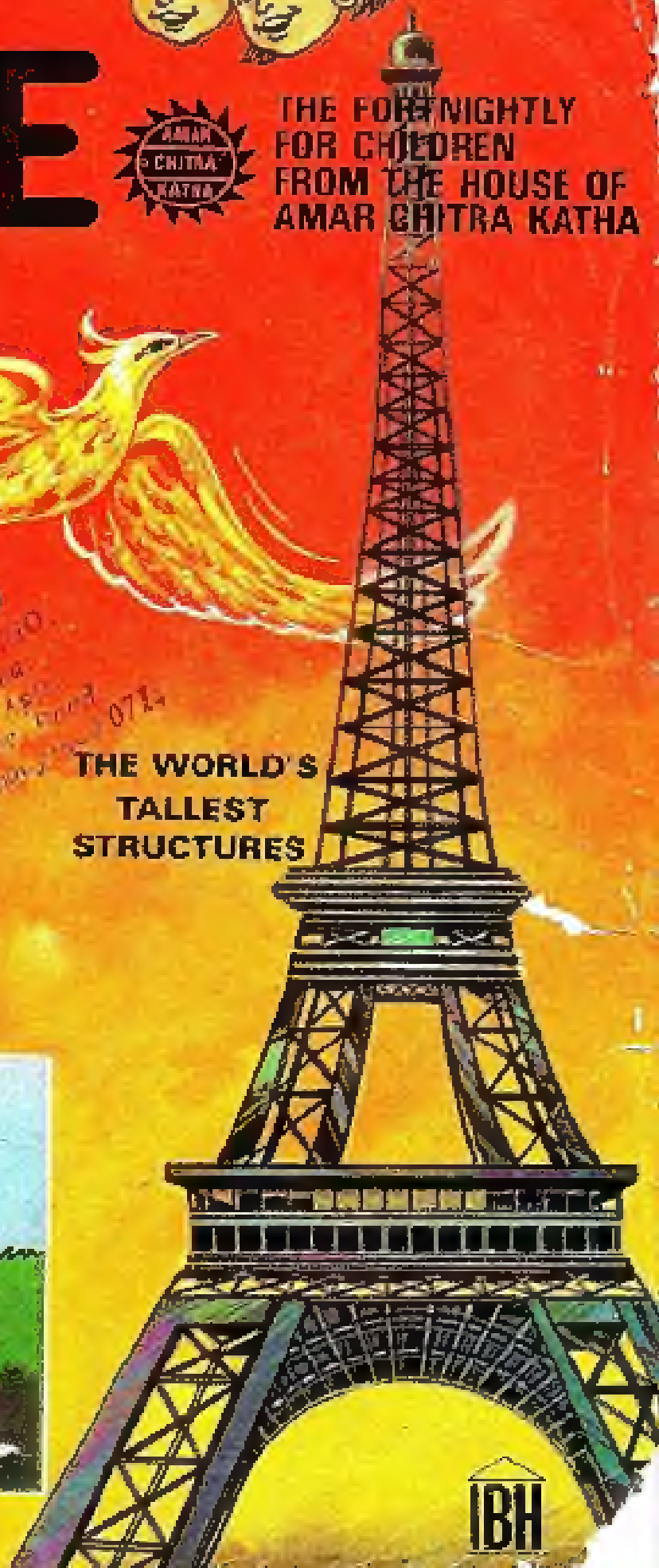
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THE WORLD'S
TALLEST
STRUCTURES

A RIDDLED TALE



Illustrated & Edited By
Rajesh Kumar



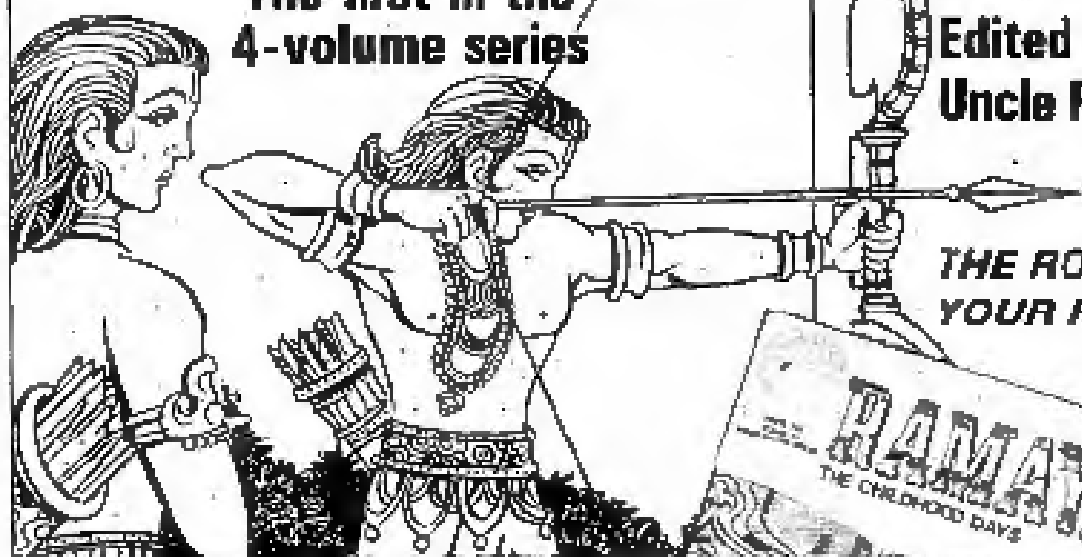
IBH

ANNOUNCING !

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RAMAYANA

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Beautifully
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Simply written
Edited by
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YOUR ROOTS*

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A RIDDLED TALE

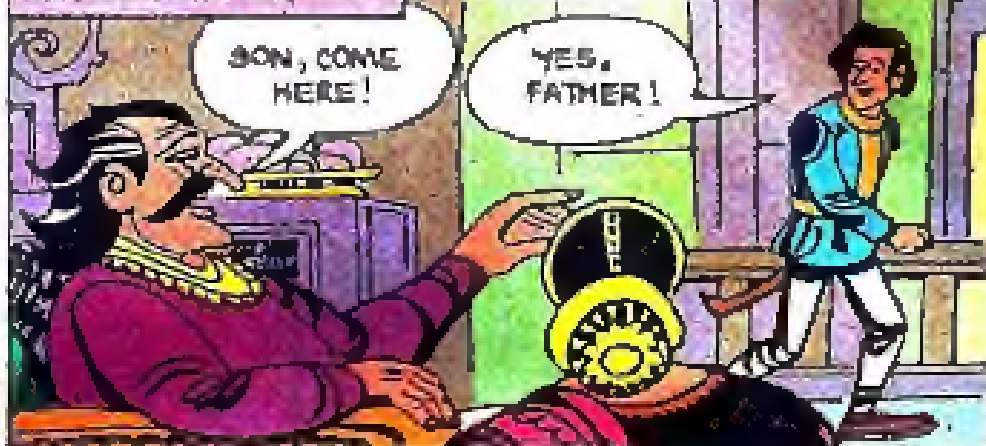
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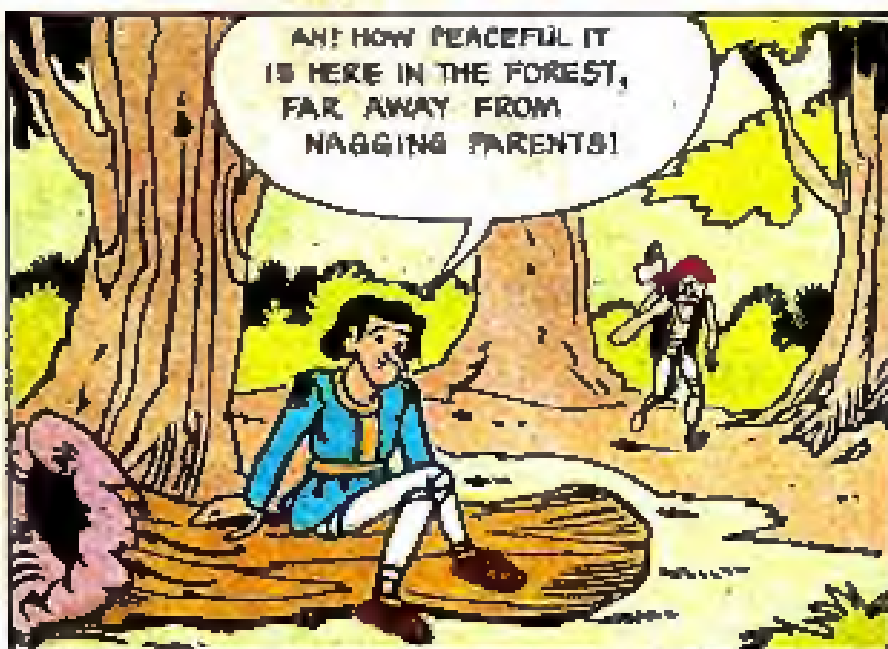
Based on a story sent by
Robney Dias.

403 405 Top floor
Sethi Mansion, Gungum Road,
Chitra Bazar, Bombay 400 002.

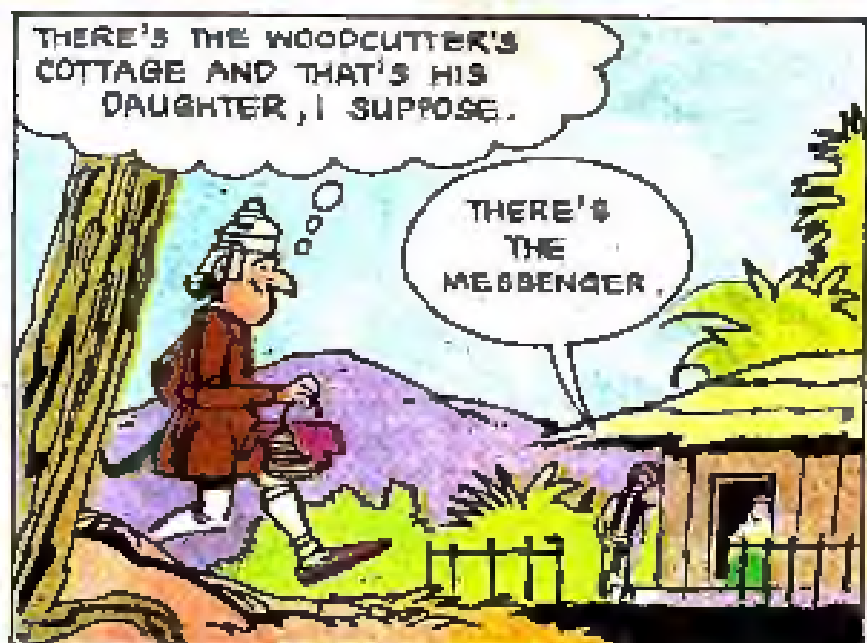
Illustrations:-Ram Wadkar

ONCE UPON A TIME THERE LIVED A PRINCE.
NOW THIS YOUNG PRINCE WAS SO CLEVER
THAT NO ONE COULD UNDERSTAND HIS
CONVERSATION FOR HE OFTEN SPOKE IN
RIDDLES. ONE DAY—





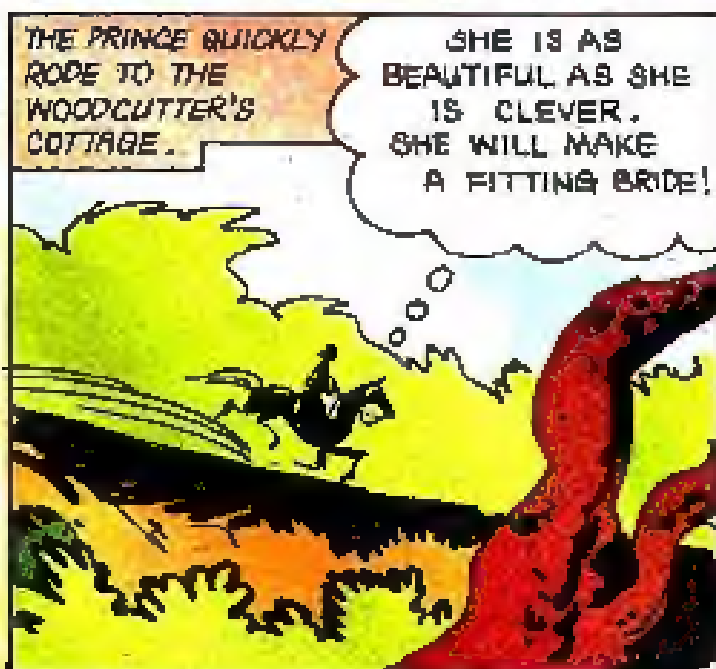
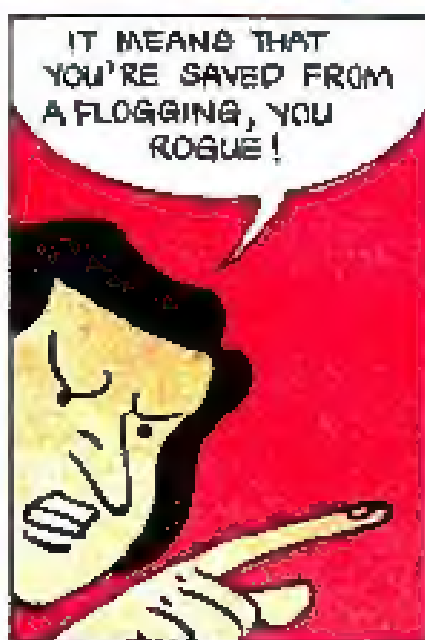








WHEN THE SERVANT REPEATED THE MESSAGE TO THE PRINCE HE WAS OVERTOYED.

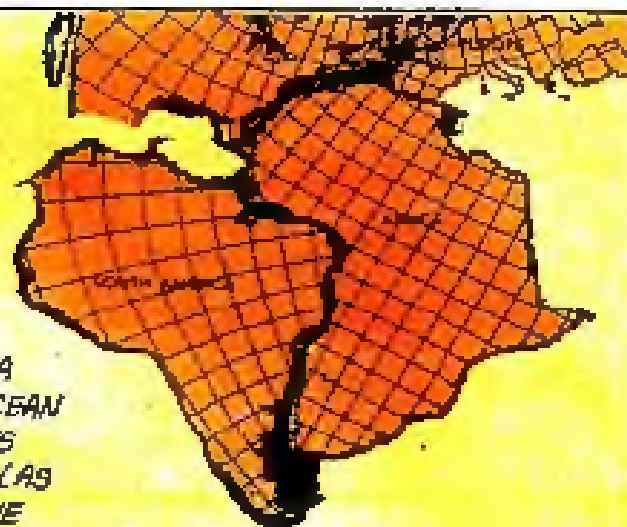


Based on
material provided by:
Rutmini Menon

CONTINENTS ADRIFT

Script: Luis Fernandez

Illustrations:
Ramchand Bhagat



*SOUTH AMERICA AND AFRICA
ARE SEPARATED BY AN OCEAN
BUT IF THE TWO CONTINENTS
WERE BROUGHT TOGETHER (AS
SHOWN IN THE PICTURE) THE
EASTERN COASTLINE OF SOUTH
AMERICA WOULD FIT LIKE
A JIGSAW PIECE INTO THE
SHAPE OF THE WESTERN
COAST OF AFRICA.*



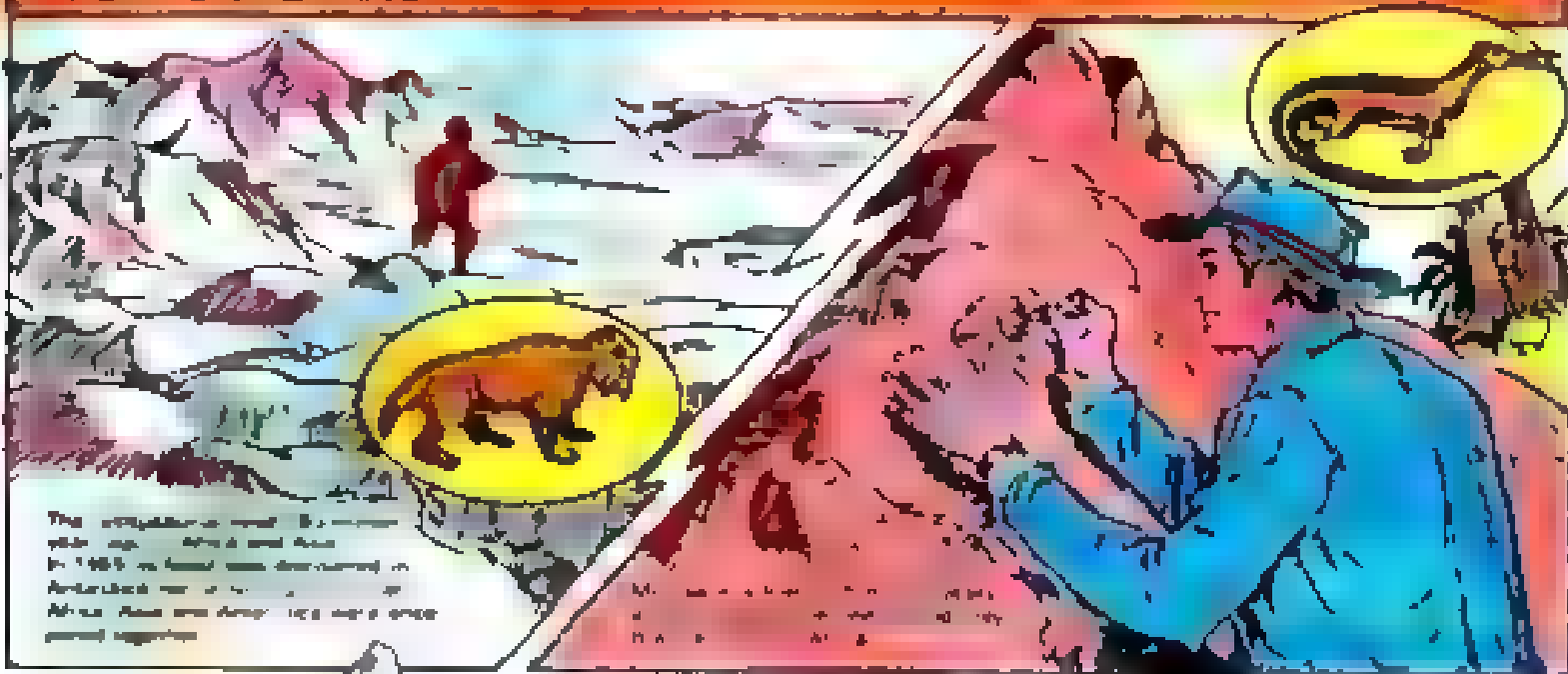
MANY SCIENTISTS DOWN THE
AGES. FROM FRANCIS BACON
(1561-1624) TO BARON VON
HUMBOLDT (1769-1859)
REMARKED ON THE SIMILARITIES
IN THE EASTERN COAST OF SOUTH
AMERICA AND THE WESTERN
COAST OF AFRICA.

*THE MATCHING COASTLINES
PUZZLED SCIENTISTS FOR
QUITE SOME TIME. IN THE
NINETEENTH CENTURY, AN
AMERICAN GEOLOGIST, SNIDER-
PELLEGRINI SUGGESTED THAT
THE TWO CONTINENTS MIGHT
ONCE HAVE BEEN JOINED.
IN 1912 GERMAN SCIENTIST,
ALFRED WEGENER, PUT
FORWARD THE IDEA THAT ALL
THE PRESENT CONTINENTS
WERE AT ONE TIME JOINED
AND FORMED ONE HUGE LAND
MASS WHICH HE CALLED
'PANGAEA', A GREEK WORD
MEANING 'ALL LAND'.
PANGAEA HE SAID, WAS
SURROUNDED BY AN OCEAN.*

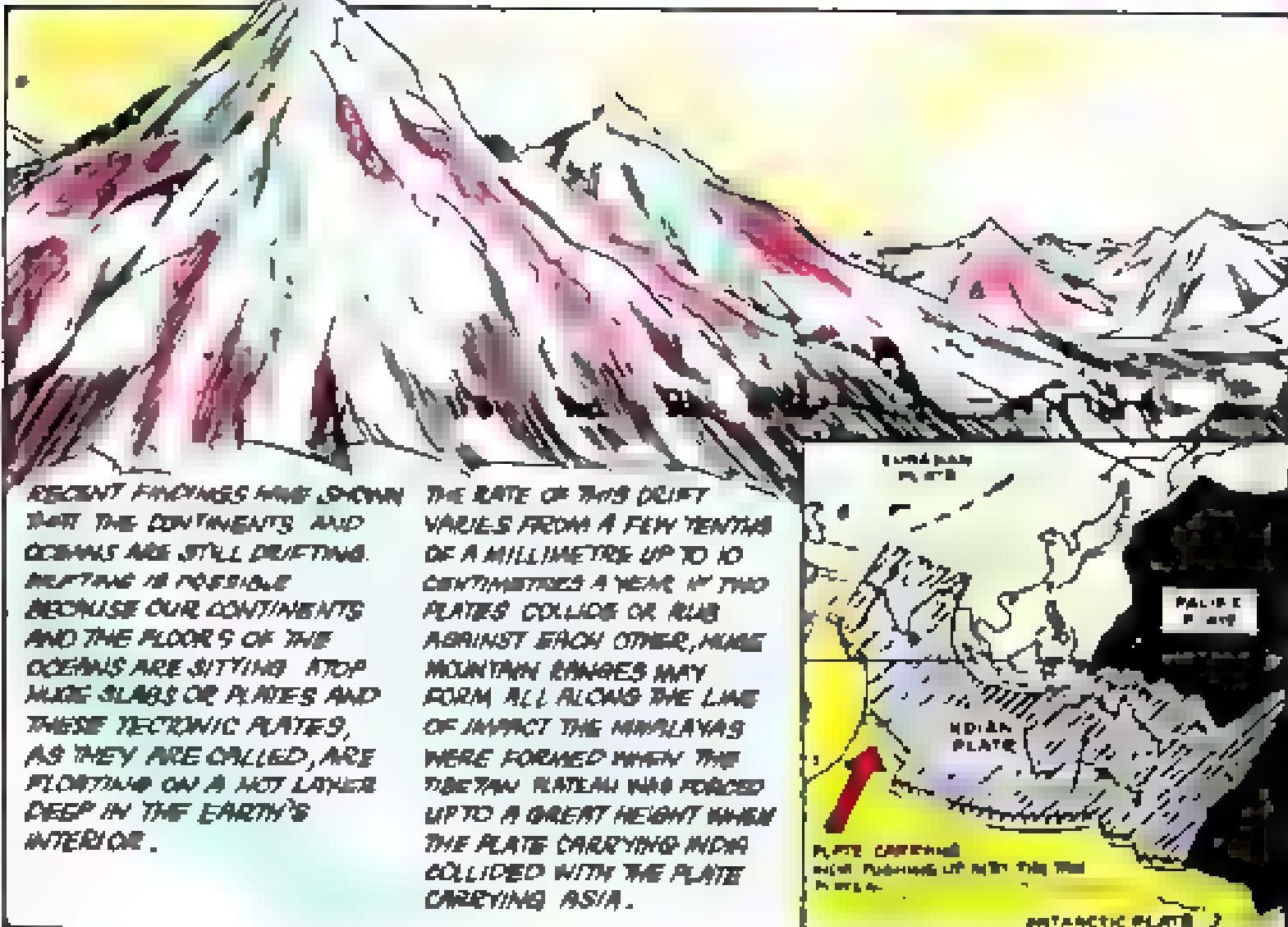


*LATER PANGAEA SPLIT
INTO TWO SUPER-CONTINENTS
LAURASIA AND GONDWANALAND.
DURING THE PAST 180 MILLION
YEARS, THE TWO LAND MASSES
BROKE UP INTO SMALLER PIECES
AND THE PIECES DRIFTED AWAY
FROM EACH OTHER TO THE
PRESENT-DAY POSITIONS OF
THE CONTINENTS OF THE WORLD.*

RECOVERED THE T-RX TOGETHER WITH THE T-RX. THE JOURNALIST LEFT THE T-RX AT FIRST HE WAS LAUGHED AT BUT AS MORE AND MORE EVIDENCE BEGAN TO PILE UP A REVOLUTION OF THE THEORY BEGAN TO TAKE HOLD AND THE THEORY BECAME UNIVERSALLY ACCEPTED

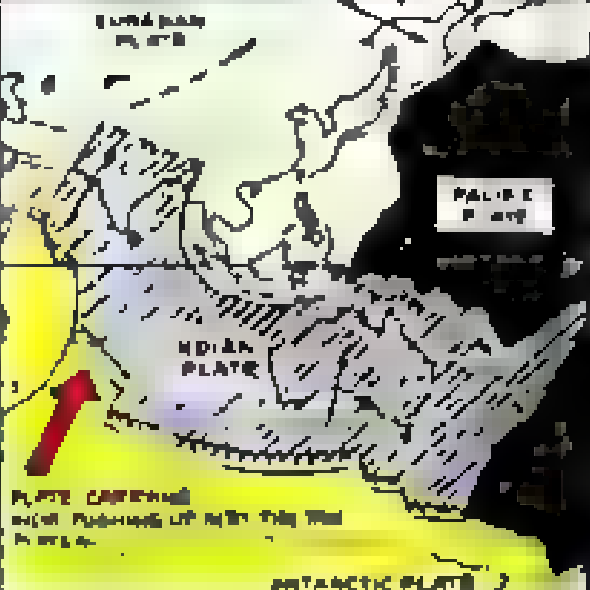


The illustration of the T-RX was published in 1965 in the journal 'Scientific American'. It was the first time that a T-RX was shown in a bipedal position. This was a major breakthrough in the understanding of the T-RX's anatomy and its ability to move.



RECENT FINDINGS HAVE SHOWN THAT THE CONTINENTS AND OCEANS ARE STILL DRIFTING. DRIFTING IS POSSIBLE BECAUSE OUR CONTINENTS AND THE FLOORS OF THE OCEANS ARE SITTING ATOP HUGE SLABS OR PLATES AND THESE TECTONIC PLATES, AS THEY ARE CALLED, ARE FLOATING ON A HOT LAYER DEEP IN THE EARTH'S INTERIOR.

THE RATE OF THIS DRIFT VARIES FROM A FEW TENTHS OF A MILLIMETRE UP TO 10 CENTIMETRES A YEAR. IF TWO PLATES COLLIDE OR RUB ABRIST EACH OTHER, HUGE MOUNTAIN RANGES MAY FORM. ALL ALONG THE LINE OF IMPACT THE HIMALAYAS WERE FORMED WHEN THE TIBETAN PLATEAU WAS FORCED UP TO A GREAT HEIGHT WHEN THE PLATE CARRYING INDIA COLLIDED WITH THE PLATE CARRYING ASIA.



THE MAGICAL CATCH

Based on a story sent by
Niraj S. Karanjgaonkar
21 Jyotirash society
Jodhpur Fakra,
Near L.S.R.O.
Ahmednagar-430 016

Illustrations:-Ravi Wadkar

HODJA HAD INVITED SOME OF HIS FRIENDS
TO DINNER AHMED WAS ONE OF THE
GUESTS —



AHMED MANAGED TO SLIP THREE
GOLDEN SPOONS INTO HIS POCKET.



HE THINKS NO ONE HAS
SEEN HIM THE RASCAL!
I MUST GET MY SPOONS
BACK WITHOUT
DISHONOURING
MY
DISHONOURABLE
GUEST.



GENTLEMEN, A SMALL
MAGIC TRICK BEFORE
YOU ALL LEAVE ..



I PUT THREE
GOLDEN SPOONS
INTO MY POCKET.
AND HEY, PRESTO!



.. BUT THEY
COME FROM
AHMED'S
POCKETS.

T- TRULY
AMAZING!



TANTRI THE MANTRI

Story by Alekh Mathur
Script: Adil Ranganewalla
Illustrations: Anand Mende

ONE DAY AS TANTRI WAS RIDING THROUGH A VILLAGE WONDERING AS USUAL HOW HE COULD OUST RATA HOOJA AND TAKE HIS PLACE ON THE THRONE —

YANTRI!
YANTRI

WHO
COULD
THAT
BE?

YANTRI,
WAIT!

MY NAME
IS TANTRI,
NOT
YANTRI!

PARDON ME, YOUR
EXCELLENCY, MY MEMORY
IS NOT WHAT IT USED TO
BE... AND NEITHER IS
MY WALLET.

THAT IS WHY I HAVE DECIDED
TO SELL ONE OF MY MOST
VALUED
POSSESSIONS

WHAT?

THIS HORSE... NO
NOT THIS...
THE OTHER
ONE!

WHY NOT
THE
BLACK?

THE BLACK IS
A KILLER,
YANTRI

A KILLER
WHAT DO
YOU
MEAN?

IT HAS THROWN SEVERAL
RIDERS... THREE MEN
HAVE LOST THEIR
LIVES TRYING TO RIDE
IT

EXCELLENT!
EXCELLENT!

I'LL GIVE YOU 800 GOLD COINS FOR IT AND 500 FOR THE OTHER ONE.



THINK WELL YOUR EXCELLENCY DO YOU REALLY WANT TO OWN THIS UNRULY BEAST? I'VE TOLD YOU IT HAS KILLED FIVE MEN ALREADY

FIVE! IT SOUNDS BETTER AND BETTER



I'LL GIVE YOU 1000 GOLD COINS FOR IT.. HERE!

BUT .. BUT?



1000 GOLD COINS FOR THE THRONE .. WHAT A BARGAIN! HEE HEE!



I'LL GO TO THE PALACE STRAIGHT AWAY



WHERE HAVE YOU BEEN, TANTRI?

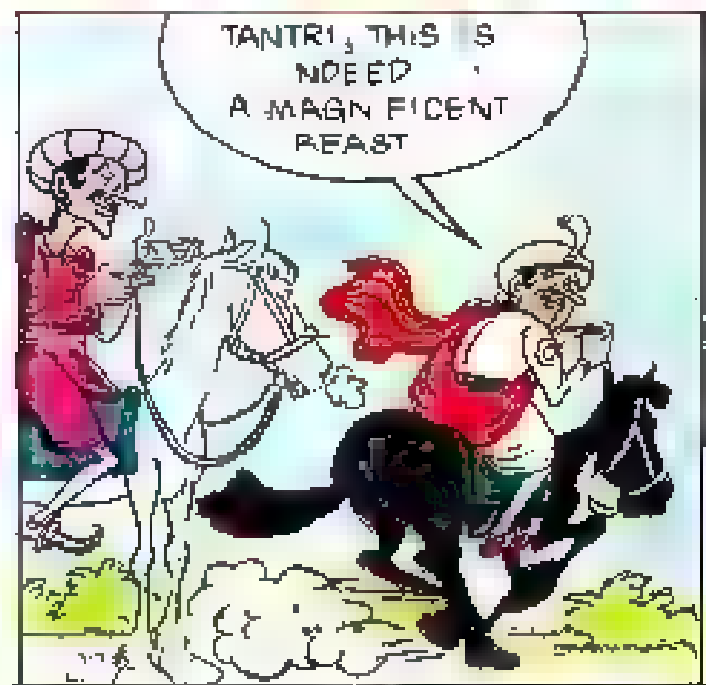
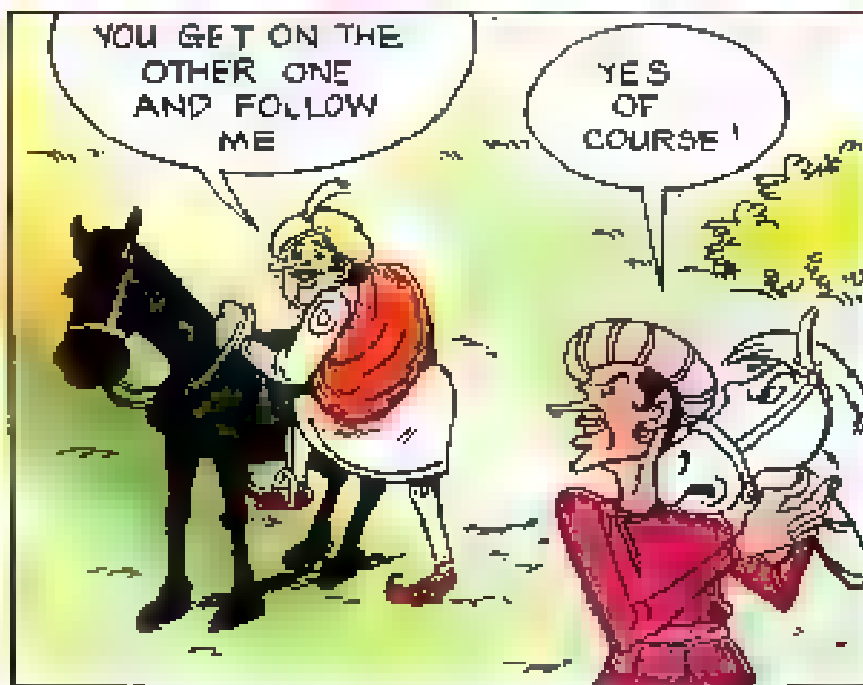
BUYING HORSES



AND I'VE BROUGHT THESE SPLENDID BEASTS FOR YOU

HOW DELIGHTFUL





THE HORSE WILL
SOON SHOW ITS TRUE
COLOURS AND I WILL
BE GALLOPING
MY WAY TO
KINGSHIP

YANTRI!
YANTRI!



IT'S THE OLD FOOL
WHO SOLD ME THE
HORSE. I WONDER
WHAT HE WANTS
NOW.



MY MEMORY
PLAYS TRICKS ON
ME, YOUR EXCELLENCY.
THAT IS WHY I'VE HAD
TO COME HERE.

MY NAME IS TANTRI, NOT
YANTRI CAN'T YOU
REMEMBER A SIMPLE
THING LIKE THAT?



WHAT DO YOU MEAN. ? GAY,
WHAT'S WRONG WITH THIS
HORSE ?

THAT'S
WHAT
I CAME TO
TELL YOU...



IT'S NOT
THE BLACK HORSE
THAT'S THE
KILLER...



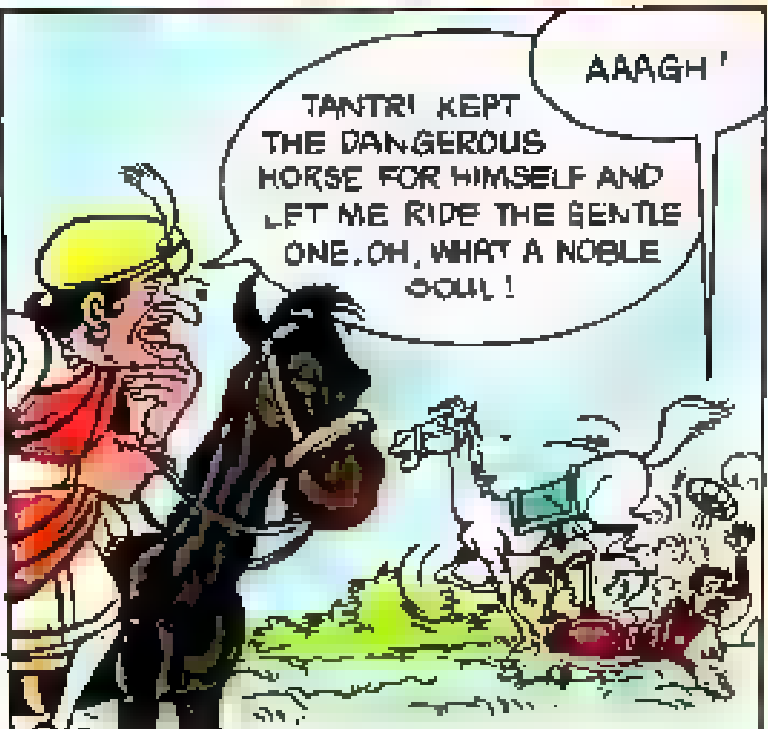
.. IT'S THE
ONE
YOU'RE
RIDING.

YEEEEEE!!



TANTRI KEPT
THE DANGEROUS
HORSE FOR HIMSELF AND
LET ME RIDE THE GENTLE
ONE. OH, WHAT A NOBLE
GOUL!

AAAGH!



THE WORLD'S TALLEST STRUCTURES

David Thomas
Illustrations: David Thomas

ALL OVER EGYPT THE GREAT PYRAMID OF KHUFU AT EL GIZA IS THE TALLEST AND STANDS 146.5 METRES HIGH

ALL OVER EGYPT THE GREAT PYRAMID OF KHUFU AT EL GIZA IS THE TALLEST AND STANDS 146.5 METRES HIGH



18 TH CENTURY STANDS 72.5 METRES HIGH

IN THE NINETEENTH CENTURY THE INTRODUCTION OF HIGH QUALITY STEEL AND REINFORCED CONCRETE REVOLUTIONISED BUILDING TECHNIQUES

THE EIFFEL TOWER BUILT IN 1889 WAS ONE OF THE FIRST MODERN GIANT IRON AND STEEL STRUCTURES. IT STANDS 320.7 METRES HIGH AND IT WAS THE TALLEST STRUCTURE IN THE WORLD TILL 1931.

THE ENORMOUS PRICE OF LAND IN NEW YORK IN THE UNITED STATES OF AMERICA FORCED BUILDERS AND ARCHITECTS TO CONSTRUCT TALL BUILDINGS CALLED SKYSCRAPERS, THE WOOLWORTH BUILDING, WHICH WAS COMPLETED IN 1913, STANDS 241 METRES HIGH AND WAS THE TALLEST OFFICE BUILDING IN THE WORLD FOR 17 YEARS.

WOOLWORTH BUILDING
241 METRES.

CHRYSLER
BUILDING
318 METRES

EMPIRE
STATE
BUILDING
381 METRES

THE EIFFEL
TOWER COMPLETES
A 100 YEARS THIS YEAR

IT WAS DWARFED IN 1930 BY THE CHRYSLER BUILDING (318 METRES) WHICH IN TURN WAS ECLIPSED JUST ONE YEAR LATER BY THE EMPIRE STATE BUILDING (381 METRES).

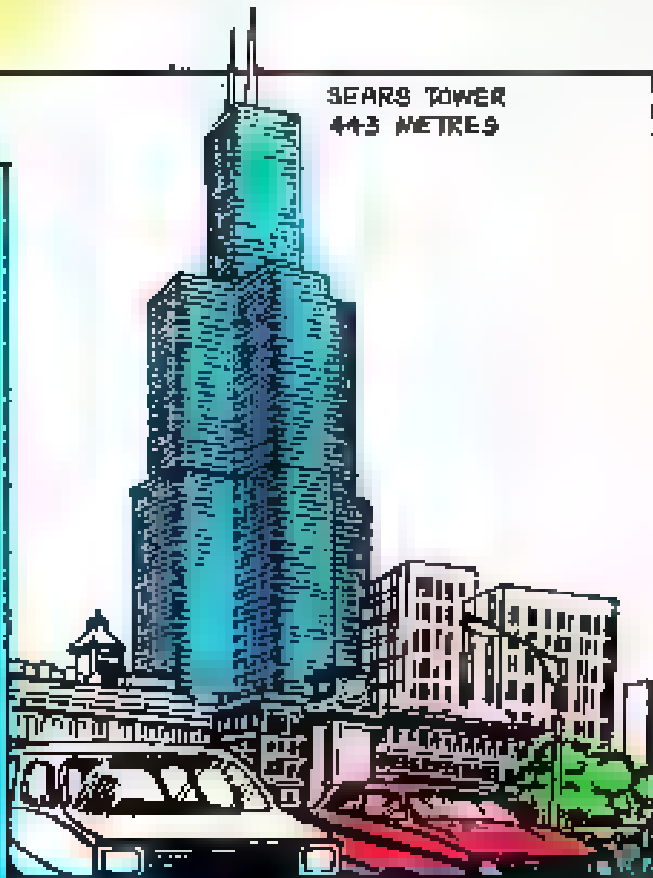
THE EMPIRE STATE BUILDING DOMINATED THE SKYLINE OF NEW YORK FOR FORTY-TWO YEARS UNTIL THE TWIN TOWERS OF THE WORLD TRADE CENTRE BROKE ITS RECORD. THE TOWERS ARE 411 METRES TALL AND HAVE 110 STOREYS. BOTH WERE COMPLETED IN 1973. BUT THIS RECORD TOO WAS

BROKEN BY THE SEARS TOWER BUILT IN CHICAGO IN 1974. THIS GIANT SKYSCRAPER STANDS 443 METRES HIGH AND IS TODAY THE TALLEST OFFICE BUILDING IN THE WORLD.

WORLD TRADE
CENTRE
411 METRES



SEARS TOWER
443 METRES



CANADIAN
NATIONAL TOWER
555.3 METRES



SOME RADIO AND TELEVISION TRANSMITTING TOWERS ARE VERY HIGH. THE OSTANKINO TOWER IN MOSCOW SOARS TO A HEIGHT OF 508 METRES. THE CANADIAN NATIONAL TOWER, MEASURING 555.3 METRES, IS THE WORLD'S TALLEST SELF-SUPPORTED STRUCTURE. LIGHTNING STRIKES THE TOWER ABOUT 200 TIMES A YEAR.

THE FIREBIRD

A RUSSIAN FOLKTALE

Script:
Adil Rangoonwala

Illustrations,
V. B. Malhe

LONG AGO IN RUSSIA THERE WAS A TSAR WHO HAD A TREE THAT
GAVE GOLDEN APPLES ONE DAY —

THE APPLES ON
THE TREE ARE
DIMINISHING! SOME-
ONE IS STEALING
THE GOLDEN
APPLES. WHO
COULD IT BE?



THAT NIGHT THE TSAR PUT HIS
ELDEST SON, PETER, ON THE
WATCH BUT —



THE SECOND SON, VASILEY,
TOO COULD NOT CATCH THE
CULPRIT —



ON THE THIRD NIGHT IT WAS
THE TURN OF THE TSAR'S
YOUNGEST SON, IVAN.



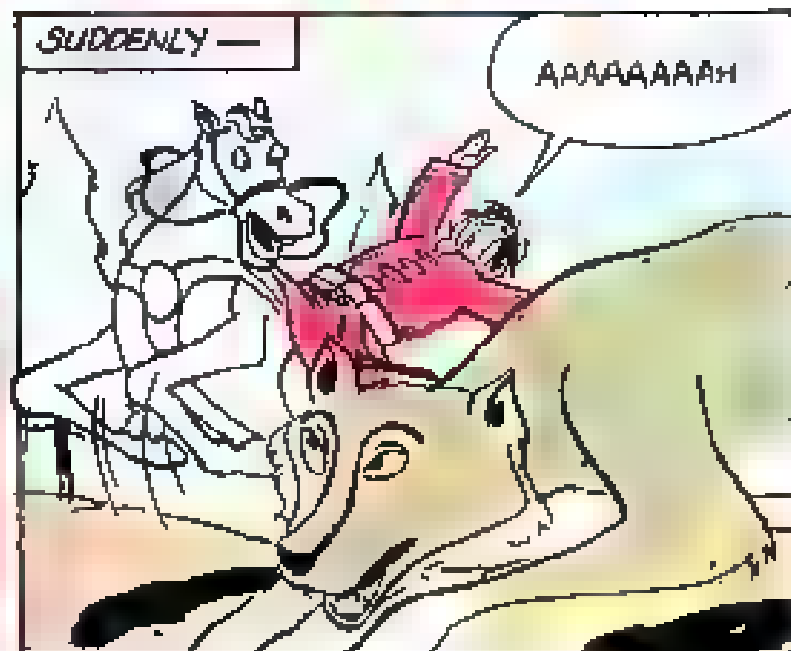
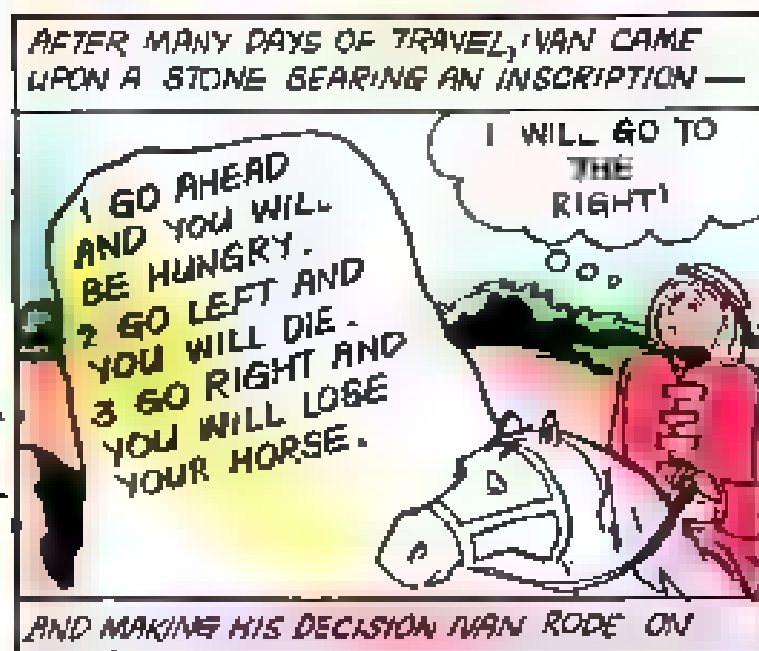
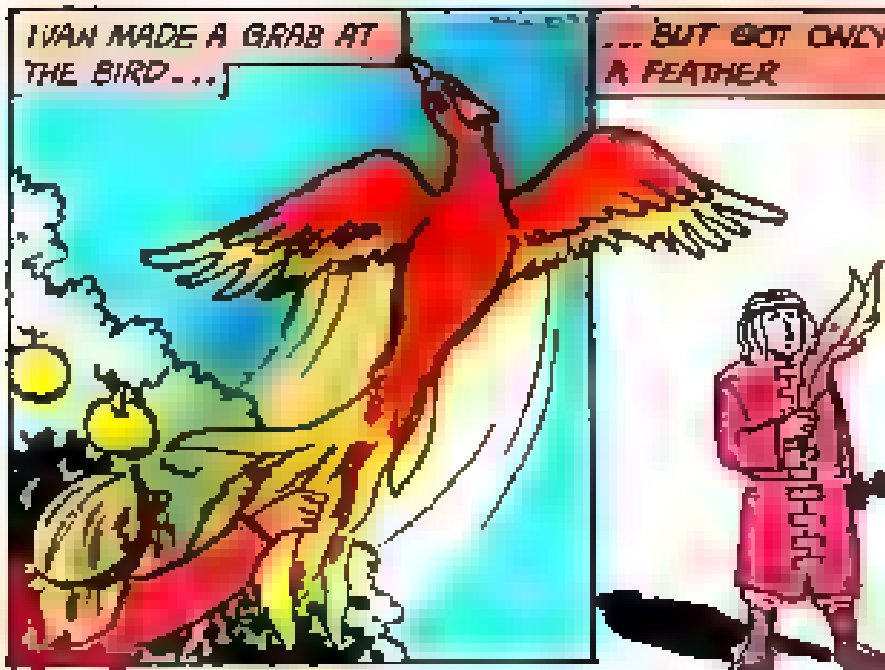
SUDDENLY —

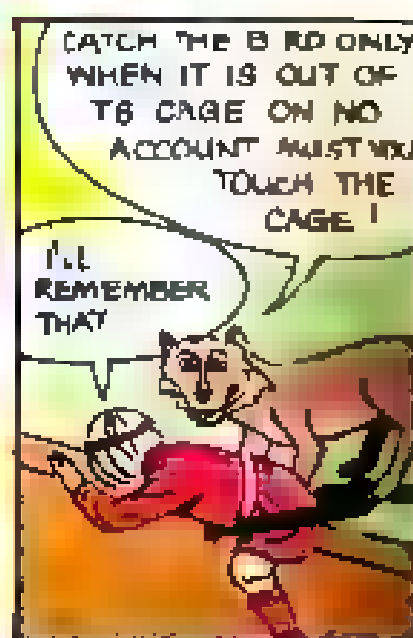
UH... WHAT'S THIS!
I CAN'T SEE A THING!
THIS GLOW IS
BLINDING ME

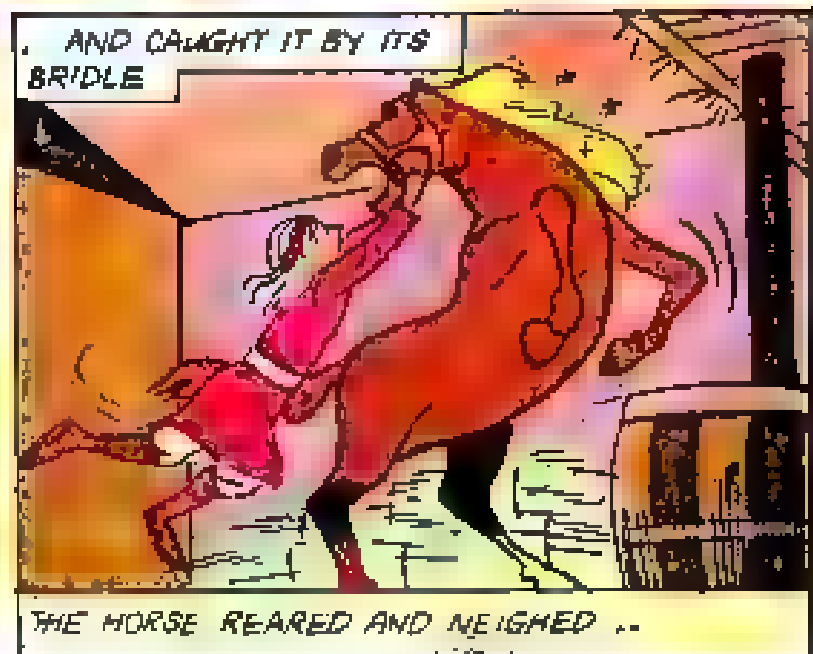
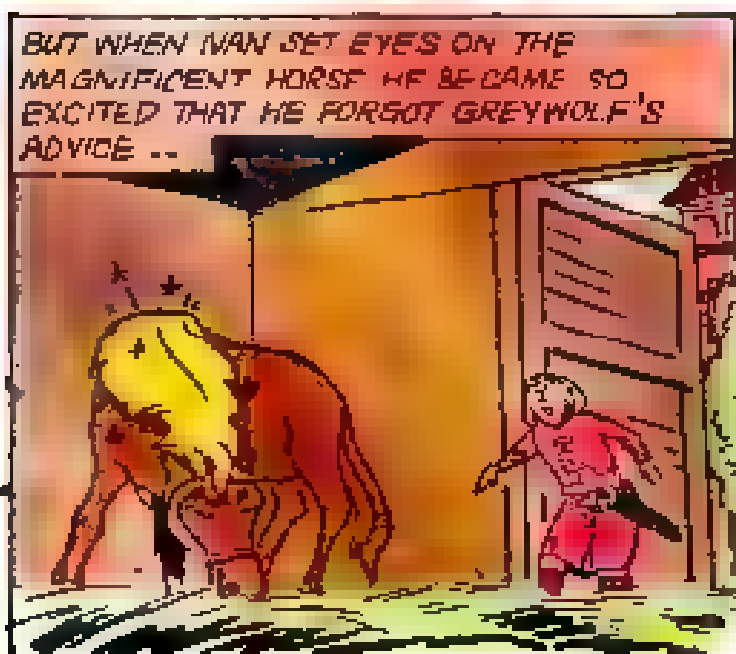
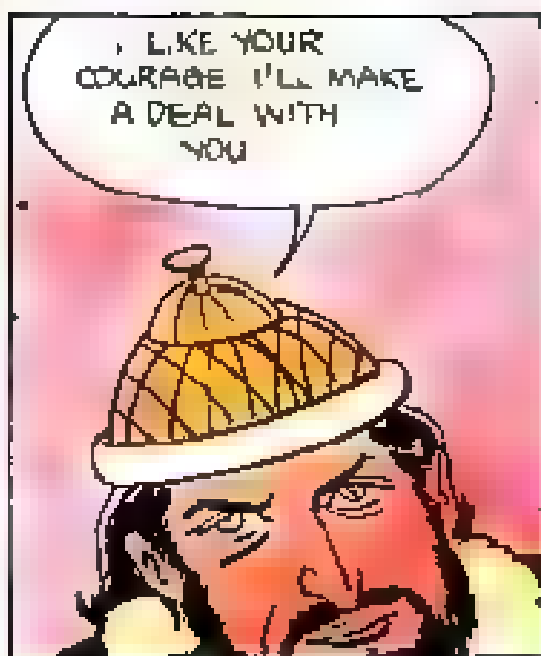


WITH GREAT DIFFICULTY IVAN OPENED HIS EYES
AND SAW A MAGNIFICENT BIRD









THE GUARDS CAME RUNNING IN AND HELD IVAN SOON, HE WAS STANDING BEFORE TSAR KUSMAN.

YOU ARE CERTAINLY VERY BRAVE. I AM PREPARED TO PARDON YOU IF YOU GO ON A MISSION FOR ME.

BRING ME PRINCESS HELENA

IF YOU SUCCEED YOUR REWARD WILL BE THE HORSE WITH THE GOLDEN MANE!

VERY WELL!

PRINCESS HELENA IS THE DAUGHTER OF TSAR DOLMAT.

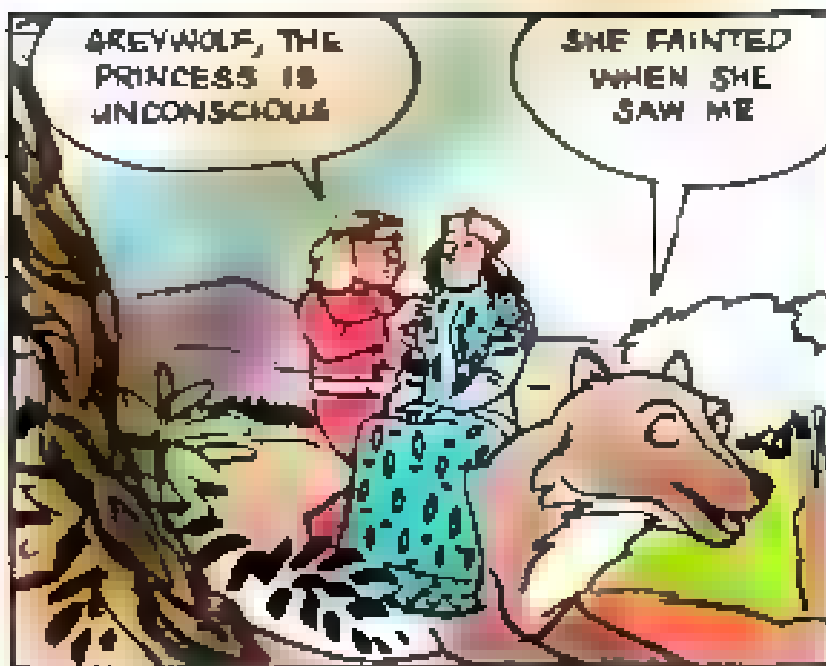
TAKE ME TO HIS CASTLE

IT WAS NOT LONG BEFORE THEY WERE AT THE GATES OF THE KINGDOM OF TSAR DOLMAT, THE FATHER OF PRINCESS HELENA.

THIS TIME I WILL GO IN YOU STAY HERE.

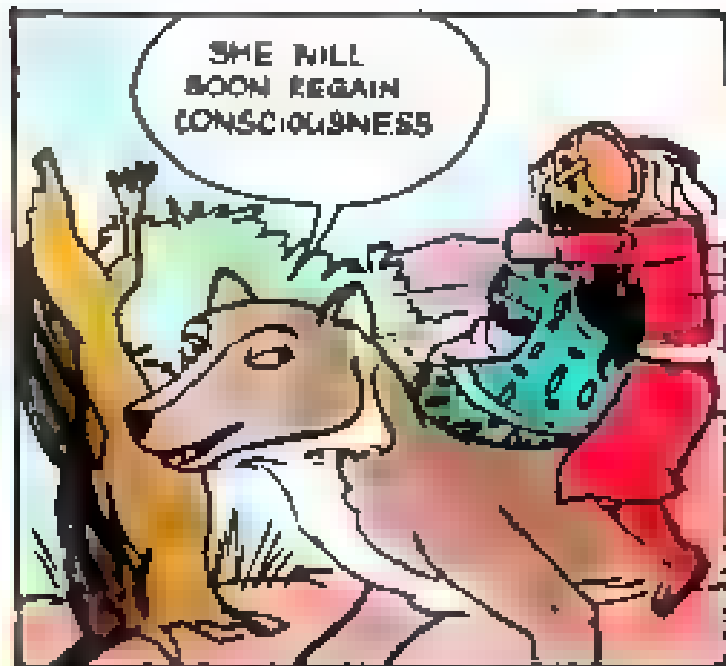
SOON -

GET ON MY BACK! QUICKLY!



GREYWOLF, THE PRINCESS IS UNCONSCIOUS

SHE FAINTED WHEN SHE SAW ME



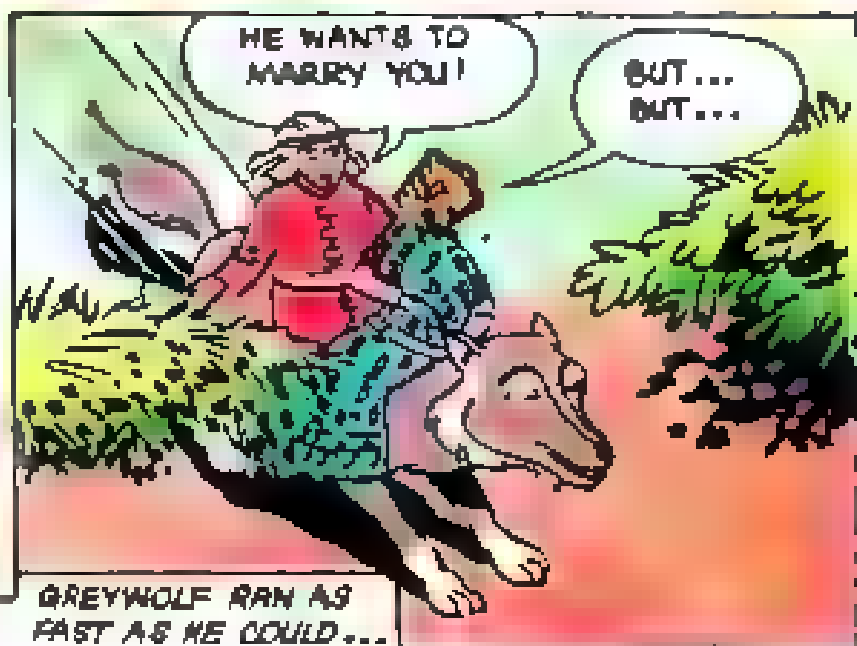
SHE WILL SOON REGAIN CONSCIOUSNESS



AND SURE ENOUGH—

WHO ARE YOU AND WHERE ARE YOU TAKING ME?

I AM PRINCE IVAN AND I AM TAKING YOU TO TSAR KUSHAN.



HE WANTS TO MARRY YOU!

BUT... BUT...

GREYWOLF RAN AS FAST AS HE COULD...



... AND SOON THEY WERE IN TSAR KUSHAN'S TERRITORY.

GO AND DELIVER THE PRINCESS TO THE TSAR



CANNOT PART W/TH HER, GREYWOLF



THEY HAVE GROWN FOND OF EACH OTHER. I MUST HELP THEM OUT...

BUT IS GREYWOLF ABLE TO HELP IVAN? READ ABOUT IT IN THE NEXT ISSUE OF TINKLE

4 FOR BIHAR

THE FEARLESS FOUR — YUSUF THE CHIEF
FIRUSHAH THE BRAIN, NANCY
THE EXPLORE AND PARAM THE BRAVE
ALWAYS LOOKING FOR ADVENTURE AND NEVER
LETTING THINGS GO UNCHALLENGED

ONE EVENING ON A HOLIDAY AT AGRA

THE BLUE
LIGHT AGAIN!

IT'S A HAUNTED
FOREST
SAY THE LOCALS

WE MUST
EXPLORE,
CHIEF!

LET'S GO

THE
LIGHT IS
GETTING
BRIGHTER

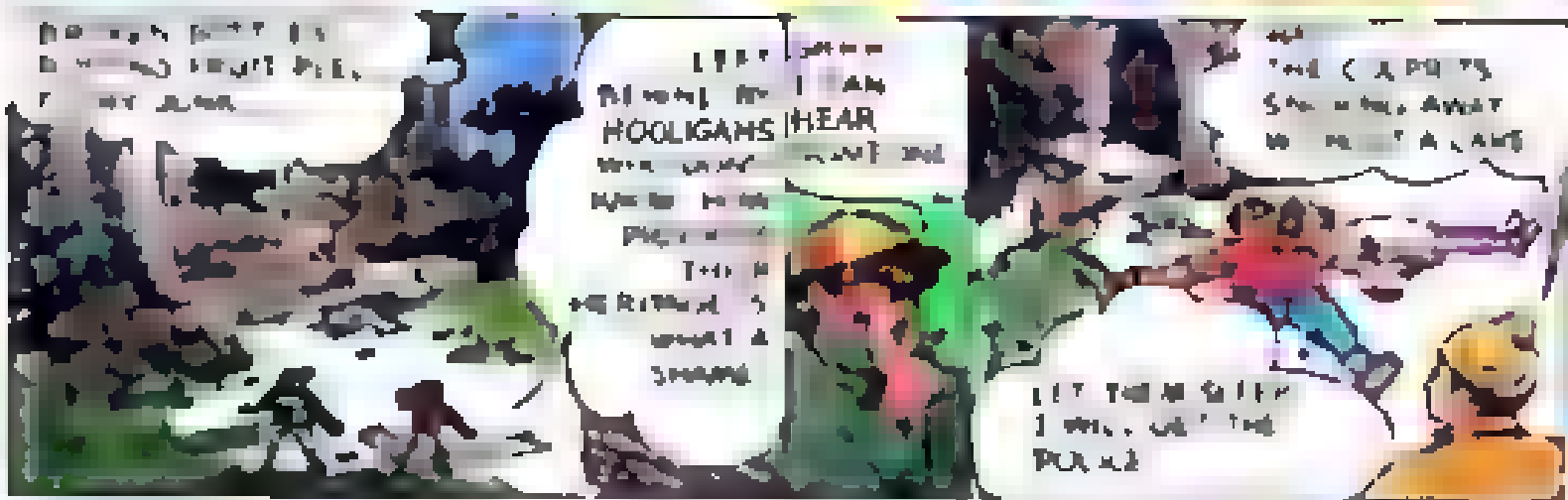
AND
SCARIER

LOOK!
AN ANCIENT
RUIN

THE LIGHT
COMES FROM
THE BLUE TRES
ON ITS DOME

A MUGHAL ARCH, EACH
PILLAR CARVED FROM
A SINGLE STONE BY
MASTER CRAFTSMEN
FROM PERSIA
OUR GLORIOUS
HERITAGE IS





SUPPANDI TRAPS A SONG

Based on an idea sent by
Master Ravi Gupta
23-B Garibhat Road
Calcutta-700 020

Illustrations: Ram Wadkar

ONE MORNING AFTER SUPPANDI'S
MASTER HAD LEFT FOR WORK —

THE MASTER
FORGOT TO TURN
OFF THE RADIO
IN HIS ROOM!



HEY, THAT IS THE SONG MY
MASTER IS SO FOND OF AND
WHICH HE HAD TOLD ME TO
TAPE WHENEVER IT CAME
ON THE RADIO.

YAHOO... JAB
...YAHOOO



CLICK



THAT EVENING

MASTER, YOUR
FAVOURITE SONG
CAME ON THE
RADIO

WONDERFUL!



I HOPE YOU TAPED
IT.

NO, I DID NOT TAPE
IT. I FOUND THAT
A BIT
COMPLICATED.

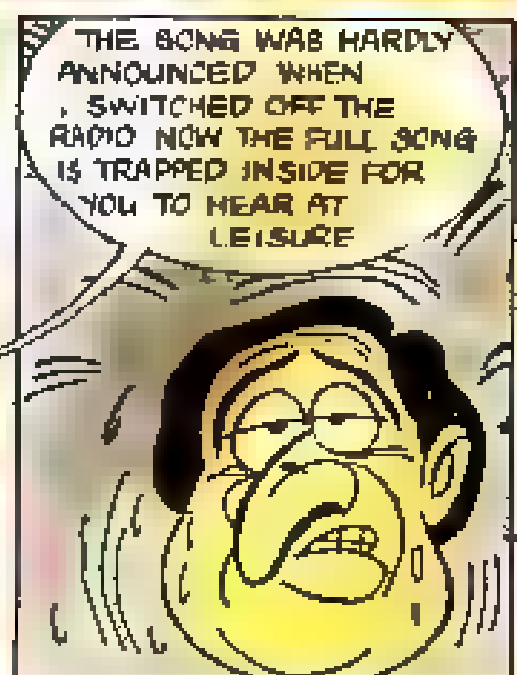


WHAT? MY FAVOURITE
SONG CAME ON THE AIR
AFTER AGES AND
YOU DIDN'T TAPE
IT?

THERE
WAS NO
NEED
TO



THE SONG WAS HARDLY
ANNOUNCED WHEN
I SWITCHED OFF THE
RADIO NOW THE FULL SONG
IS TRAPPED INSIDE FOR
YOU TO HEAR AT
LEISURE



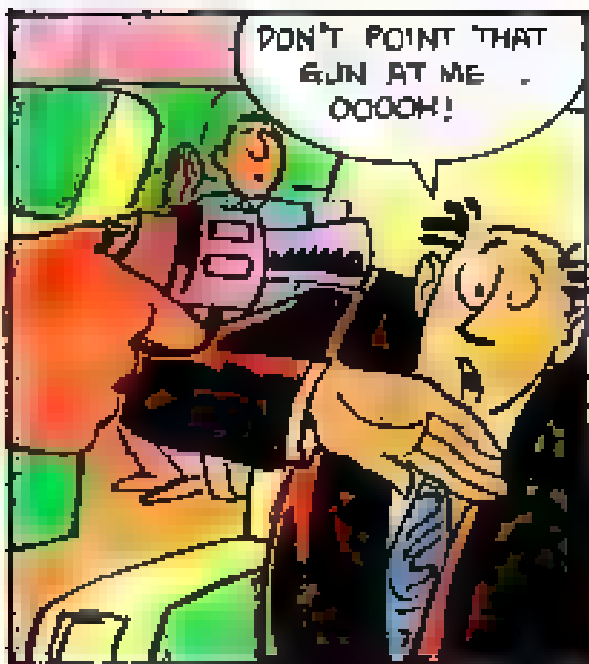
Shikari Shambu

Story by Vikram Hukmani

This story won the 1st prize
in the Shikari Shambu
story-writing competition.

Illustrations - V B. Halbe





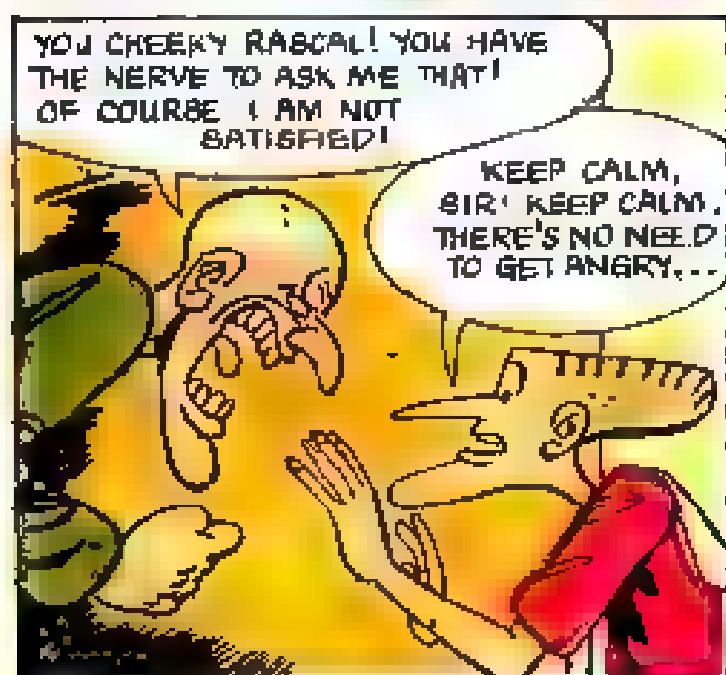


SUPPANDI OPENS SHOP

Based on an idea sent by
Dimple Ekup
8/22 Riverside Township,
Bumpei
West Bengal.

Illustrations: Ram Wazarkar

SUPPANDI HAD STARTED A BARBER'S
SHOP. ONE MORNING --



The feature, "Discovery of Vitamins" in Tinkle No. 165, helped me a lot in realising how essential vitamins are for our bodies. I also like to take part in the various competitions published in Tinkle, especially the Babool cricket quiz.
Niraj S. Vadgama,
Vagheshwari,
Pawandar 390578.

The story "The magic gifts" in Tinkle No. 165 was excellent. If ever I had a magic coat I would have wished to get Tinkles and Tinkles. And if I would have a magic hom, I would have called Suppandi, Kalia, Doob Doob and everyone from Tinkle to my house.
Sumit Survar, 27/1, HBI Rock CHS, Aurboli, Bombay 400008.

I liked the story "The magic horse" in Tinkle No. 159. I wish you could publish more stories like this one.
Ravindra Deokar,
Pawarika, Goa.

Thank you for publishing the feature "The 21st century metal" in Tinkle No. 162. Because I had read this feature, I was able to answer the questions based on uranium in class.
Neethash Thomas,
B-1, Flat No. 40, Fact Township,
Udyogmandal 683501.

Please introduce a penfriends column in Tinkle.
B.J. Sunil,
E-38, V.P.S.C. Hsg. Colony,
Palitpur, Tiruvendrum 695500.
(For the time being we are unable to introduce a penfriend's column in Tinkle as this would occupy a lot of space. But you can correspond with the readers whose names and addresses are being regularly published in Tinkle—Editor).

The story, "The Long Trek", in Tinkle No. 167 was very interesting. It has also taught us to care for our aged parents as they are the ones who help us in our days of gloom. Please make sports quiz a regular feature.
Satish Agarwal,
Gandhi Chowk, Jaypore,
Orissa 754001.

THE WRONG END

Based on an idea sent by Master Jagesh Jain
11, Sangita Apartments, Prabhat Colony, Santacruz (East), Bombay



The greatest epic is also the most complex.

Read

Amar Chitra Katha's **MAHABHARATA**

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Acknowledged as an
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in 42 lucid, highly readable
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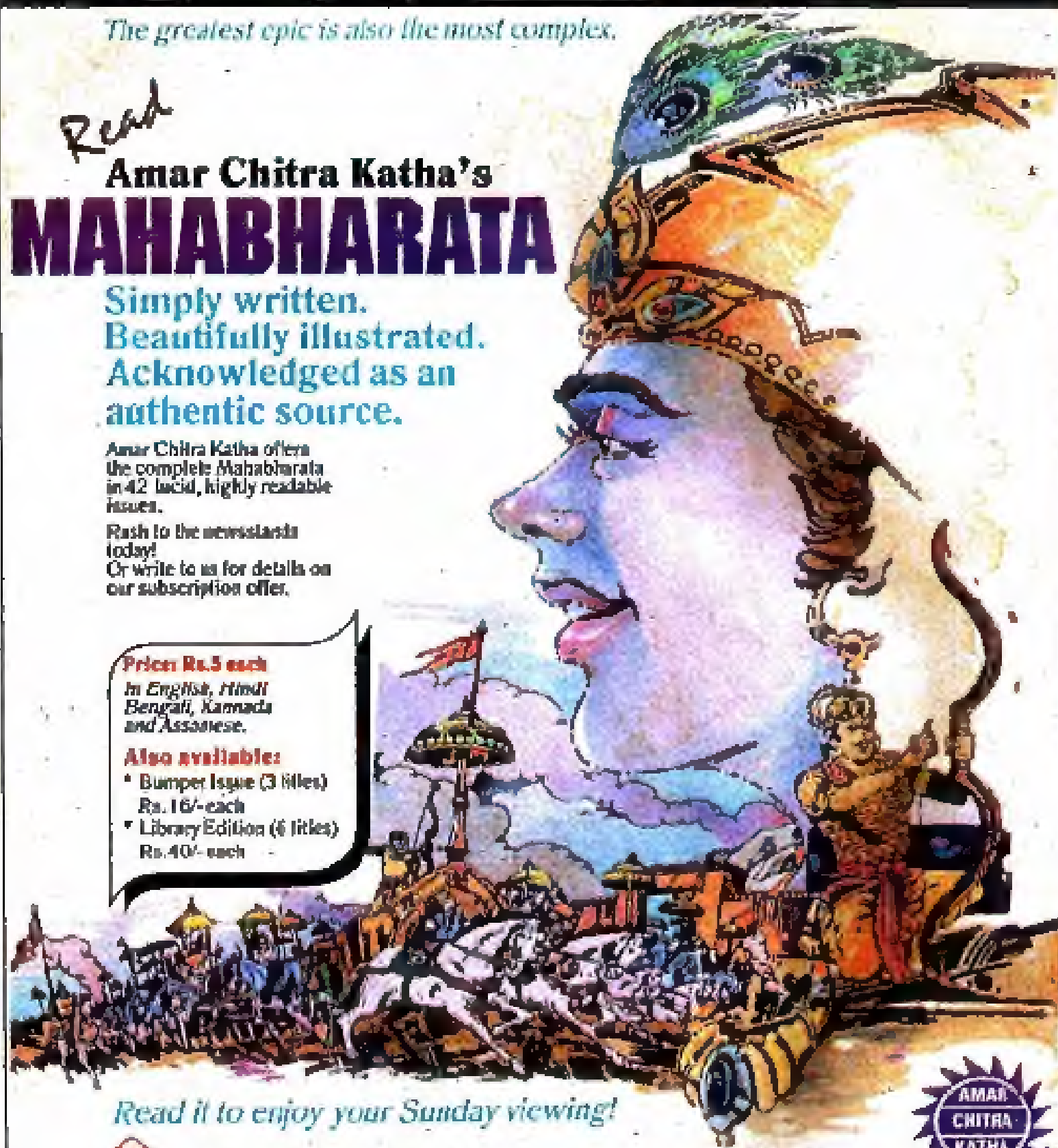
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• Patna



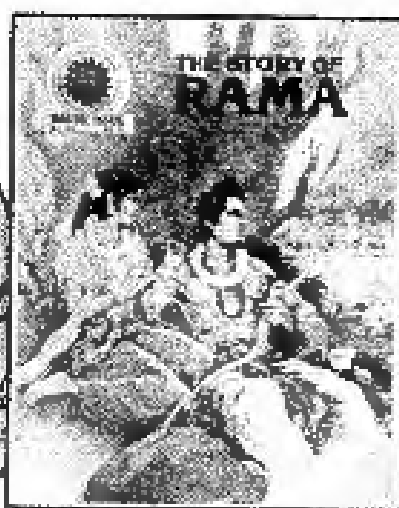
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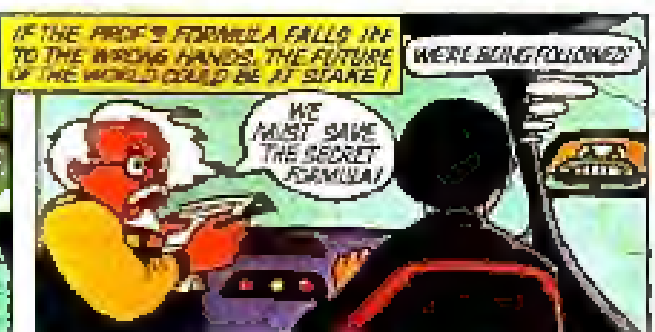
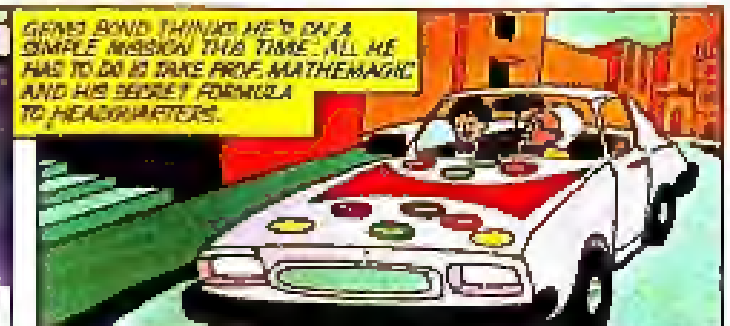
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